GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:1797
ANSWERED ON:27.07.2016
Satellite System Supplies
Patil Shri Bheemrao Baswanthrao

Will the Minister of SPACE be pleased to state:

(a) whether Indian Space Research Organisation (ISRO) has called a meeting of suppliers to raise the levels of their contribution to the country''s satellite technology;
(b) if so, the details thereof;
(c) whether ISRO Satellite Centre estimates a demand for 71 satellites in the next five years, including the exploratory ones to study Moon and Sun and if so, the details and present position thereon; and
(d) whether ISRO hopes to get entire systems supplied in areas such as telemetry, power systems and satellite controls systems and if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) Yes Madam.

(b) A one day conference on "Enabling Spacecraft Systems Realisation through Industries (ESSRI 2016)" was held on June 23, 2016 at ISRO Satellite Centre (ISAC), Bangalore. About 500 delegates from 103 industries have participated.

The conference was intended to enhance the participation of suppliers/ Industries in various aspects of satellite technology including production activities. During the conference, various opportunities for industries in satellite technology were discussed. The delegates were also informed about Expression of Interest (EoI) floated by ISRO seeking industry participation in Assembly, Integration and Testing (AIT) of standardized ISRO satellites.

(c) To meet the growing demands of space applications addressing the national priorities, ISRO has prepared a plan for realizing (i) Earth observation satellites with the capabilities of high resolution, hyper-spectral, all weather imaging, stereo imaging, wind vector measurements, ocean & meteorological observations; (ii) high throughput communication satellites, high power DTH satellites; (iii) enhanced navigation constellation; (iv) Space exploration missions viz. Chandrayaan-2, Aditya-L1, XpoSAT. The indicative demand in the next five years is estimated to be of 70 satellites. The approvals for 40 satellites missions have been obtained.

(d) ISRO has standardized design of major satellite subsystems in the areas viz. telemetry, tele-command, power, control systems, structural systems, spacecraft mechanisms etc. and has outsourced fabrication and testing activities to Industry. It is envisaged to enhance the industry participation towards productionization of such subsystems on an end-to-end basis, which include components procurement, fabrication, package assembly and testing by vendor as per ISRO's design.

*****